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County Council of Durham.



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REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE QUARTER ENDED

30TH SEPTEMBER, 1935.

VITAL STATISTICS.

1. A satisfactory decrease was recorded in the total death-rate during the past quarter, the rate being 9.9 per 1,000 population compared with 12.8 in the previous quarter. The rate for the past quarter is, however, slightly in excess of that for the corresponding quarter of last year (9.4) but it may still be regarded as satisfactory.

2. The lowest total death-rates during the quarter occurred in the Billingham (6.1) and Shildon (6.8) urban districts and in the Hartlepool (4.7) and Stockton (7.9) rural districts; while the districts with the highest mortality statistics were the Stanhope (15.2) and Bishop Auckland (14.8) urban districts and the Barnard Castle (11.9) and Auckland (11.2) rural districts.

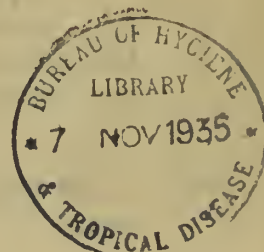
3. The death-rates from the seven principal infective diseases was equal to 0.50 per 1,000 population and shows an increase compared with that for the previous quarter (0.42) and also for the corresponding quarter of last year (0.44). In this group of diseases there were 116 deaths registered, and of this number diphtheria and diarrhoea and enteritis under 2 years of age were responsible for 13 deaths each.

4. The infant mortality rate was equal to 55 per 1,000 births registered and compares very favourably with that for the previous quarter (70) although it is slightly higher than that for the corresponding quarter of last year (53).

5. The maternal mortality rate for the past quarter was equal to 6.21 per 1,000 births registered and although it shows a reduction compared with that for the previous quarter (7.76) it cannot be regarded as satisfactory.

INFECTIOUS DISEASES.

6. During the quarter 987 cases of scarlet fever were notified compared with 1,311 in the previous quarter and 1,574 in the corresponding quarter of last year, and although showing a large reduction in the number notified, this disease may still be regarded as being prevalent throughout the administrative county. Five deaths were registered from this disease during the quarter compared with 9 in the previous quarter and 15 in the corresponding quarter of last year.



7. A slight increase was recorded in the number of cases of diphtheria notified, 644 cases being notified during the past quarter compared with 632 in the preceding quarter. The figure for the past quarter, however, compares favourably with that for the first quarter of this year when 1,144 cases were notified. The deaths registered from this disease during the quarter numbered 43 compared with 45 in the previous quarter.

8. An increase was recorded in the number of notifications of cases of enteric fever during the past quarter, the number of cases reported being 72 compared with 24 in the preceding quarter. Cases were reported from nineteen sanitary districts in the county, the district with the highest number of cases being the Lanchester Rural District where 16 cases occurred. Every effort has been made to prevent the spread of infection. Four deaths were registered from this disease during the quarter compared with 3 in the previous quarter.

9. There were 5 notifications of puerperal fever and 21 notifications of puerperal pyrexia compared with 10 and 15 respectively in the previous quarter. During the quarter 14 cases were admitted to hospitals under the County Scheme and the services of consultants were requisitioned in 7 cases.

10. The number of notifications of ophthalmia neonatorum received during the quarter was 26 compared with 35 in the previous quarter. In-patient hospital treatment under the County Scheme was provided in respect of 5 cases.

11. The number of deaths registered from measles during the quarter was 9 compared with 7 in the previous quarter; while the deaths from whooping cough numbered 12 compared with 8. Diarrhoea and enteritis under two years of age was responsible for 43 deaths during the quarter compared with 25 in the previous quarter.

CLERICAL STAFF.

12. The following members of the clerical staff have been absent from duty on account of sickness :—

Miss M. E. Cherry, from 16th July to 5th August, inclusive.

Miss C. M. C. Overton, from 16th to 20th July, inclusive.

Miss M. A. W. Golightly, from 15th to 27th August, inclusive.

and I recommend that sick leave with salary be granted in accordance with the county arrangement, less National Health Insurance Benefit.

G. Duff, returned to duty from special sick leave 1st July.

VACCINATION.

13. PUBLIC VACCINATOR. No. 49 (Byers Green) District.—I have received the resignation, as from the 30th September, 1935, of Dr. S. D. Jouhar of the Hall, Byers Green, Public Vaccinator for this District, which comprises the parishes of Byers Green, Newfield and Old Park. I have appointed as his successor, in a temporary capacity only, subject to your confirmation and the approval of the Minister of Health, Dr. A. C. Farquharson of Ugie House, Spennymoor, as from 1st October, 1935, on the same scale of fees as applied to Dr. Jouhar, i.e. :—

Births	...	...	...	...	1/-	<i>*Subsequent Cases.</i>
Primary Vaccination at Home of Patient	...	...	...	...	5/-	5/-
Primary Vaccination at Surgery	...	...	...	...	2/6	2/6
Re-Vaccination at Home of Patient	...	...	...	...	3/6	3/6
Re-Vaccination at Surgery	...	...	...	...	2/6	2/6

** More than one person vaccinated at the same place within twenty-four hours.*

MILK AND DAIRIES (CONSOLIDATION) ACT, 1915.

14. Return of milk samples submitted by inspectors of weights and measures for bacteriological examination during the quarter ended 30th September, 1935 :—

Total number of samples submitted.	Number in which tubercle bacilli were found.	Number free from tubercle bacilli.	*Number for which report not yet received.
87	5	38	44

** All the 26 samples outstanding at the end of last quarter were found to be free from tubercle bacilli.*

DISEASES OF ANIMALS.

TUBERCULOSIS ORDER, 1925.

15. The following statement indicates the work carried out under this Order during the quarter :—

(a) Premises examined :

Found free from tuberculosis	9	}	Total	73
Infected with tuberculosis	64			

(b) Animals examined (including 1,081 cows in milk) :

Found free from tuberculosis	1585	}	Total	1659
With tuberculosis of udder	...	...	...	...	...	17
With tuberculous emaciation	...	...	...	...	...	3
With chronic cough and definite clinical signs of tuberculosis	...	...	...	...	...	54

(c) Of the cows in milk (b) examined, 73 were reported as diseased, and in 67 cases this was confirmed by post-mortem examination.

(d) Animals slaughtered on account of tuberculosis.—Post mortem examination :

Tuberculosis of udder	19	}	Total	74
Tuberculous emaciation	...	...	...	...	...	3
Otherwise affected with tuberculosis	...	...	...	...	...	52
Free from tuberculosis	...	...	...	...	...	—

(e) Samples of milk examined for tubercle bacilli :

Found to contain tubercle bacilli	5	}	Total	13
Free from tubercle bacilli	8			

MILK AND DAIRIES ORDER, 1926.

(a) No. of farms visited by veterinary officers	...	...	...	...	...	1353
(b) No. of animals examined	...	...	...	...	...	12510
(c) No. found to be suffering from tuberculosis and slaughtered (also included in (d) above)	...	...	...	...	...	35
(d) No. included under (c) which were cows in milk	...	...	...	...	...	34
(e) Result of post-mortem examinations :						
(i) Found suffering from tuberculosis of the udder...	...	...	...	...	...	12
(ii) Found otherwise affected with tuberculosis	...	...	...	...	...	23

TREATMENT OF TUBERCULOSIS.

16. I have received the following report from the Central Tuberculosis Medical Officer, and on page 174 will be found a tabulated statement with reference to cases of tuberculosis dealt with during the past quarter :—

(1) The following statement shows the number of cases together with the various forms of treatment recommended :—

<i>Treatment.</i>	<i>New Cases.</i>	<i>Old Cases.</i>	<i>Total.</i>
Domiciliary	11	25	36
Dispensary	58	100	158
Sanatorium	174	57	231
Hospital (Surgical)	7	8	15
Home	13	20	33
Ultra Violet Ray	4	18	22

(2) I submit the following statement with regard to surgical appliances supplied to tuberculous patients on the recommendation of the tuberculosis medical officers :—

Case No.	Description of Appliance.	Cost of Appliance.	Amount Contributed by Patient.	Amount payable by the County Council.
		£ s. d.	£. s. d.	£ s. d.
27915	Poroplastic jacket	2 5 0	...	2 5 0
35257	Repairs to surgical boot	0 11 9	...	0 11 9
46142	Thomas' knee splint and patten	1 12 6	0 7 6	1 5 0
46837	Repairs to Thomas' hip splint	0 12 6	...	0 12 6
35944	Left surgical boot	5 3 0	...	5 3 0
46974	Chance's spinal brace	5 18 6	2 0 0	3 18 6
41244	Left surgical boot	1 19 6	...	1 19 6
48166	Left surgical shoe and fellow shoe	2 18 6	0 12 6	2 6 0
48311	Absorbent apparatus	3 10 0	...	3 10 0
49330	Thomas' hip splint	1 12 6	0 12 6	1 0 0
5146	Right surgical boot with leg strap	2 8 6	0 10 0	1 18 6
43572	Repairs to spinal jacket	0 8 6	...	0 8 6
49717	Repairs to spinal brace	0 19 6	...	0 19 6
29950	Pair of crutches	0 11 10	...	0 11 10
46209	Adjustments to hip splint	0 10 6	...	0 10 6
21623	Left surgical boot	4 15 0	0 5 0	4 10 0
39078	Walking caliper	2 17 6	...	2 17 6
45761	Repairs to spinal support	0 9 6	...	0 9 6
37730	Walking caliper	1 15 0	...	1 15 0
39229	Bradford frame	2 2 0	...	2 2 0
38405	Hip splint, patten and crutches	2 8 6	...	2 8 6
40007	Repairs to Thomas' hip splint	0 9 6	0 4 9	0 4 9
38727	Left surgical boot	1 19 6	...	1 19 6
34913	Adjustments to walking caliper splint	0 17 6	...	0 17 6
8173	Repairs to surgical boot	1 5 6	...	1 5 6
38856	Repairs to surgical boot	0 6 6	...	0 6 6
49040	New patten	0 5 0	...	0 5 0
38924	Pair of crutch rubbers	0 2 4	...	0 2 4
42345	Repairs to Chance's spinal brace	0 5 6	0 2 0	0 3 6
48608	Repairs to walking caliper	0 7 6	...	0 7 6
48626	Bradford frame	2 2 0	1 1 0	1 1 0
22063	Single crutch	0 6 6	...	0 6 6
42959	Instep support for shoe	0 10 6	0 2 6	0 8 0
49040	Pair of crutches	0 12 3	...	0 12 3
TOTALS		£55 0 2	£5 17 9	£49 2 5

(3) ADMISSIONS TO SANATORIA AND HOSPITALS.—The number admitted to sanatoria and other residential institutions was 278 (including 18 who had previously received institutional treatment), as against 291 in the last quarter, and the total number receiving residential treatment on the 30th September was 559 as against 550 at the end of last quarter. This number includes 21 discharged service men. The distribution of these cases in the several institutions is as follows :—

(4) SANATORIA—TUBERCULOSIS HOSPITALS :—	Males.	Females.
Hollywood Hall Sanatorium, Wolsingham... ..	179	—
Sunderland Tuberculosis Hospital	—	25
Stannington Children's Sanatorium	20	80
Helmington Row Tuberculosis Hospital	12	—
Tindale Crescent Tuberculosis Hospital	—	12
Preston Hall Colony	4	—
Earl's House Sanatorium, Durham... ..	77	—
Seaham Hall Sanatorium	—	129
Totals	292	246

(5) GENERAL HOSPITALS :—

	Males.	Females.
Children's Hospital, Gateshead	4	5
Royal Victoria Infirmary, Newcastle-on-Tyne	2	2
Whickham War Memorial Hospital	2	3
Hartlepoons Hospital... ..	2	—
Holmside and South Moor Miners' Welfare Hospital	1	—
Totals	11	10

(6) DISCHARGES FROM SANATORIA AND HOSPITALS.—The number of persons discharged from sanatoria and hospitals was 282. Of these, 97 were reported “ Quiescent ” or “ Arrested,” 106 “ Improved,” 58 “ No material improvement,” and 21 died in institutions. Twenty-two cases left before treatment was completed.

(7) AWAITING ADMISSION TO SANATORIA AND HOSPITALS :—

	Sanatorium.		Hospital.
	Pul.	Non.-Pul.	
Adult Males... ..	27	3	1
Adult Females	59	6	—
Boys... ..	—	3	1
Girls	1	3	1
Totals	87	15	3

Included in the above figures are 7 cases from the Borough of Darlington.

56% of the patients waiting are women with pulmonary tubercle. I append details of their classification and age groups.

Age groups.	T.B. Minus.	GROUPS.			TOTALS.
		1	2	3	
		(Early Case)	(Intermediate Case).	(Advanced case).	
15—20	5	3	2	—	10
20—25	9	—	4	1	14
25—35	11	2	3	—	16
35—45	8	2	6	—	16
45—55	1	—	1	—	2
55—65	—	—	1	—	1
65 & over.	—	—	—	—	—
GRAND TOTALS ...	34	7	17	1	59

I shall be glad if the Committee will consider the question of providing additional accommodation for these women patients, many of whom are urgent cases.

(8) OCCUPATIONAL TREATMENT OF DURHAM COUNTY TUBERCULOUS EX-SERVICE MEN.—There were two tuberculous ex-service men admitted to Preston Hall Training Colony, Aylesford, Kent, during the quarter ; none were transferred to the Settlement, and four were receiving treatment on the 30th September. One case was awaiting admission to the Colony on 30th September.

(9) TRAVELLING EXPENSES have been paid during the quarter to 440 cases.

(10) X-RAY EXAMINATIONS.—During the quarter 220 persons were examined by X-rays.

(11) SHELTERS.—During the quarter 8 shelters were erected as follows :—

Central District ...	...	at Coxhoe and New Brancepeth...	...	2
Eastern District ...	...	at Trimdon Station	...	1
Northern District	...	at Whickham	...	2
North Western District...	...	at Dipton	...	1
Southern District	...	at Staindrop	...	1
Western District...	...	at Spennymoor	...	1

(12) ATTENDANCES AT DISPENSARIES.—The number of attendances at the dispensaries during the quarter was 5,952, as against 5,867 in the preceding quarter, and the number of persons who attended the dispensaries was 3,048, the corresponding figure for the preceding quarter being 3,222.

(13) VISITS TO PATIENTS.—4,574 visits have been made by the health visitors to patients during the quarter.

(14) VISITS TO EX-SERVICE MEN.—167 visits have been made by the health visitors during the quarter.

(15) UNDER SUPERVISION.—4,858 patients were under supervision on the 30th September, including 317 ex-service men.

(16) TREATMENT RECOMMENDED.—A list of all cases recommended sanatorium, dispensary and other forms of treatment during the quarter will be submitted, and I shall be glad if your Committee will approve such recommendations.

(17) DEATHS.—136 deaths from tuberculosis have been reported since the date of my last quarterly report, viz. : Pulmonary, 52 males and 64 females ; Non-Pulmonary, 10 males and 10 females.

(18) SUPPLY OF ARTIFICIAL LIMB. Case No. 18970 (Blackhall).—This patient is recommended an artificial limb (left leg) which will cost £18 18s. 0d. He is able to contribute £4 0s. 0d. towards the cost, and I recommend that the remainder (£14 18s. 0d.) be defrayed by the County Council.

(19) RESIGNATION OF DR. CORMACK.—I have to report that Dr. Cormack, Medical Officer at Earl's House Sanatorium, and District Tuberculosis Officer at Consett Dispensary, resigned his appointment on the 1st September to become Assistant Medical Officer of Health for the city of Bath.

Dr. Slome, who did a short locum for Dr. Cormack during the summer, was engaged to fill the vacancy pending the appointment of a permanent Medical Officer.

(20) ACCIDENT TO DR. J. S. ALLAN.—I have to report that Dr. Allan was absent from duty owing to a motor accident from the 3rd to the 15th August. His duties were carried on with the help of the sanatorium medical officers, but in addition, I had to engage Dr. W. Fulthorpe of Sherburn Hospital on two occasions, at a fee of two guineas per session.

(21) DEATH OF DR. L. MORGAN.—I regret to have to report that Dr. Morgan, the Tuberculosis Officer for the Eastern District, died on the 24th September after a long period of ill-health, which frequently incapacitated him for duty. He returned to duty on the 1st July after nearly three months absence through illness, but unfortunately his health broke down again on the 9th July and he was unable to resume. Since 9th July some of his work was shared by myself and the other district tuberculosis officers.

In addition, Dr. A. Armit (Horden), Dr. C. A. Harvey, (Hartlepool) and Dr. W. Fulthorpe (Sherburn) were, with the approval of the County Medical Officer, engaged as follows :—

Dr. Armit.—17th July, and 5th, 12th, 19th and 26th September, at a fee of £2 2s. 0d. per session.


Dr. Harvey.—1st, 7th, 8th, 14th, 15th, 21st, 22nd, 28th and 29th August, and 4th, 11th, 18th and 25th September at a fee of £2 2s. 0d. per session, and Dr. Fulthorpe on 16th August at a fee of £2 2s. 0d.

STAFFORDSHIRE COUNTY COUNCIL



WITH THE
COUNTY MEDICAL OFFICER'S
COMPLIMENTS

County Buildings
Stafford



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Dr. Miller, who was engaged as locum during the summer holidays of the tuberculosis officers, has been engaged as locum for the Eastern district from the 1st October.

TREATMENT OF VENEREAL DISEASES.

TREATMENT CENTRES.

17. (1) STATISTICS.—The following table deals with the work for the three months ended 30th June, 1935 :—

Centre.	New Cases.		Ceased to attend before completion of treatment.		Total attendances.		No. of In-Patient days.		No. of doses of 606 substitute used.
	M.	F.	M.	F.	M.	F.	M.	F.	
Darlington	4	8	—	—	230	187	—	—	66
Durham	57	30	23	6	1,106	858	98	18	122
Newcastle	66	40	19	14	1,272	767	44	21	398
Stockton... ..	52	22	8	2	1,475	538	—	—	57
Sunderland	38	13	—	—	1,299	822	100	56	187
TOTALS	217	113	50	22	5,382	3,172	242	95	830

The above statistics refer to patients residing in the Durham County Administrative Area only.

(2) Travelling expenses amounting to £82 9s. 5½d. were paid during the quarter ended 30th June, 1935, to enable necessitous patients to attend the treatment centres.

HEALTH VISITORS.

18. The Superintendent Health Visitor reports as follows :—

(1) Sick Leave.—Miss Lindsley returned to duty 1st October. Miss Middleton who was on sick leave from the 22nd July to the 8th August, met with an accident on the evening of the 30th September and is again off duty. The following have been on sick leave since the dates given :—Miss Archer, 6th June ; Miss Laughlin, 12th August ; Miss Clacherty, 9th September.

(2) The following have been accepted as loan students :—Misses E. Counihan, M. A. Crombie, A. Hetherington, M. A. Hey, B. Hownam, D. Kirby, and E. M. Sellar. Miss I. H. Hendry was unable to accept and Miss E. Counihan replaced her.

(3) Children Acts, 1908-32.—67 cases were under supervision and 146 visits were paid during the quarter.

(4) 1,544 mental defectives were under supervision, to whom 1,604 visits were paid.

(5) The services of Home Helps were sanctioned in 21 cases.

(6) County Travelling Health Exhibition.—The exhibition has visited Marley Hill, Wingate, Coundon, Billingham, Haverton Hill, Trimdon, Eldon Lane, Cockfield, Middleton-in-Teesdale, Gainford, West Auckland, Sacriston, Coxhoe, Craghead, Houghton-le-Spring, Consett, Herrington, Brandon, Silksworth, Washington, and there are seven further bookings for October.

(7) The number of families on milk assistance on the 30th September was 5,893, compared with 5,712 on the 30th June.

MIDWIVES ACTS.

19. (1) The following statement shows the midwifery services of the County and its supervision during the quarter :—

Total number of certified midwives in practice (of these 7 are bona-fide)	340
Number of midwives supervised	198
Number of visits to midwives	396
Number of visits to patients	258
Number of other visits	9
Number of ineffective visits	50
Total number of births registered in the Administrative County ...	4024
Number of births notified by midwives	2493

(2) The following notifications were received from certified midwives :—

Sending for Medical Help	1085
Still-births	61
Death of Mother	14
Death of Child	42
Artificial Feeding	27
Laying out the Dead	12
Liability to be a Source of Infection	23

(3) There were 45 cases of discharging eyes in the practice of midwives and 13 of these were subsequently notified as ophthalmia neonatorum, 3 of whom received in-patient hospital treatment.

(4) Medical aid was sought by midwives in 32 cases because of rise of temperature. Three of these cases were subsequently notified as puerperal fever and 10 as puerperal pyrexia, of which 9 received in-patient hospital treatment.

(5) The inspectors visited 81 cases of albuminuria, and 4 cases of rash.

(6) The practice of midwifery by 7 uncertified midwives was reported by health visitors. One woman was visited and warned.

(7) Twenty-seven additional trained midwives have given notice of their intention to practise in the county area, 18 midwives have notified changes of address within the county, 4 have removed out of the county, while the deaths of midwives No. 71398 and No. 50846 occurred during the quarter.

(8) The following is a statement of cases attended during the quarter by midwives appointed by the County Council under the Trained Midwifery Scheme :—

District.	Cases.	Attended as	
		Midwife.	Maternity Nurse.
Beamish	10	7	3
Birtley	14	11	3
Blaydon	8	2	6
Chester-le-Street	17	16	1
Chilton	8	8	—
Chopwell	15	14	1
Consett	23	22	1
Dipton	16	14	2
Easington Colliery	23	20	3
Hebburn	7	7	—
Hetton	31	17	14
High Spen	9	9	—
Philadelphia	19	10	9
Rowlands Gill	16	14	2
Sherburn	12	12	—
Trimdon	27	27	—

(9) There does not now appear to be any necessity for the continuation of the subsidy to the midwife at Sherburn and in consequence Midwife Reay has been notified that the subsidy will cease on the 31st December next.

(10) The Superintendent of the County Nursing Association reports that there are 128 midwives practising under district nursing associations, and that the duties of the midwives have been carried out satisfactorily, and the equipment found in good order. She also reports that three resignations have been received and that five appointments have been made, three to fill these vacancies, one under a newly-formed district nursing association, and one appointed as an additional nurse.

RIVERS POLLUTION PREVENTION ACTS.

20. The County Health Inspector reports that :—

(1) Portions of the following rivers and streams have been inspected :—

<i>Rivers.</i>	<i>Becks.</i>	<i>Burns.</i>
Browney.	Alwent.	Addison.
Deerness.	Bishopton.	Bede.
Derwent.	Blackwater.	Blaydon.
Gaunless.	Bowburn.	Bowless.
Skerne.	Carr's.	Cong.
Teams.	Coalford.	Dipton.
Tees.	Coxhoe.	Firtree.
Tyne.	Crook and Beechburn.	Harthorpe.
Wear.	Dene.	Hebburn.
	East Howle and Tursdale.	Herrington.
	Langley.	Hobson.
	Low Grange.	Houghill.
	Murton.	Leap Mill.
	Old Durham.	Monkton.
	Old House.	Moores and Lumley.
	Pittington.	Rainton.
	Red Lion.	Rookhope.
	Stella Gut.	Rowletch.
		Wascrow.
		Wellhope.
		Westerhope.

(2) Pollution by sewage was observed at Blackhouse Building Estate, Morton Grange, Sedgeleth, Skerne Bridge, Tudhoe Wood, Willington, Stone Bridge, Ferryhill Station, Dinsdale Park Golf Club, Coxhoe Bridge, Floater's Mill, Broompark and Consett.

(3) Pollution from gas works, by-product works, tar and coking plants, sand and gravel works, and coal washers, has been observed at Fencehouses, Sedgeleth, Crook, Bankfoot, Chilton, Ferryhill, Chester-le-Street, Fishburn, Lambton, Rushyford, Shincliffe, Thinford, West Auckland, Spennymoor, Deaf Hill and Swalwell Bridge.

(4) REFUSE IN STREAMS.—There is a distinct improvement in the condition of streams and water-courses in the county—yet there still remains much to be desired in some areas.

(5) The effluents from the following trade processes have been inspected and reported upon and in some cases dealt with. Adverse reports are followed up by interviews with the responsible officials until a satisfactory effluent is obtained :—

<i>Name of Works.</i>	<i>Condition of effluent.</i>	<i>Name of Works.</i>	<i>Condition of effluent.</i>
<i>By-Product Works.</i>			
Bankfoot ... ..	... Bad.	Malton ... ..	... Improved.
Bearpark ... ..	... Improved.	New Brancepeth (Ushaw Moor) ...	Moderate.
Blackbanks Chemical Works	... Improved.	Randolph ... ..	... Improved.

<i>Name of Works.</i>	<i>Condition of effluent.</i>	<i>Name of Works.</i>	<i>Condition of effluent.</i>
Bowden Close	Good.	Sacrison Coking Plant	Fair.
Brancepeth (Willington)	Improved.	Shotton Colliery	Fair.
Crook New Chemical Works	Good.	Stella Gill	Bad.
Derwent Haugh	Moderate.	Templetown Tar Works	Good.
Fishburn	Moderate.	The Fell	Good.
Lambton	Moderate.	Thrislington	Improved.
Langley Park	Improved.	Weardale Coal and Coke Works	Fair.

Solids from Coal Washeries.

Bearpark	Good.	Ouston " E " Pit	Fair.
Bowburn	Fair.	Peggy Pit	Fair.
Deaf Hill	Moderate.	Randolph	Improved
Dean & Chapter	Fair.	Sacrison & Charlaw	Fair.
Dean Bank	Moderate.	Sherburn Hill	Fair.
Dolly Pit	Fair.	Thrislington	Fair.
Fishburn	Moderate.	Urpeth " C " Pit	Fair.
Lambton	Moderate.	Waterhouses	Fair.
Langley Colliery	Moderate.	Whiteleas Colliery Washer	Good.
Murton	Improved.		

Oils and Liquids from Boilers, etc.

Bearpark Colliery & Brickworks	Good.	Ouston " E " Pit	Fair.
Dean Bank	Fair.	Sherburn Hill Colliery	Fair.
Eldon Colliery & Brickworks	Good.	Tudhoe Colliery & Brickworks	Fair.
Electric Power Works, Crook	Good.	Mainsforth	Moderate.
Lambton Silica Brickworks	Fair.	Malton	Improved.

Liquids and Wastes from Gas Works.

Bankfoot	Bad.	Houghton-le-Spring	Fair.
Barnard Castle	Good.	Middleton-in-Teesdale	Fair.
Bishop Auckland	Good.	Shotley Bridge	Fair.
Burnhope	Good.	Spennymoor & Tudhoe	Improved.
Chester-le-Street	Good.	Staindrop	Good.
Crook	Good.	Stanley	Fair.
Dipton	Fair.	Tow Law	Good.
Durham	Fair.	Tudhoe & Sunderland Bridge	Moderate.
Ferryhill	Good.	Willington	Moderate.
Gainford	Good.		

Trade Effluents and Sand and Gravel Works.

Aycliffe Lime Quarry	Good.	Lintzford Printing Ink Works	Good.
Barmpton Sand & Gravel Works	Good.	Norton Junction Sand & Gravel Works	Good.
Bishop Auckland Artificial Stone Works	Good.	Skerningham Sand & Gravel Works	Good.
Co-operative Tin Plate Works	Good.	Stillington Sand & Gravel Co.	Good.
Elmford Lead Mines	Improved.	The Sacrison Sand & Gravel Co., Ltd.	Fair.
Healyfield Lead Works	Good.	Zinc Oxide Works	Good.
Hetton Sand & Gravel Works	Good.		

(6) Owing to a period of very dry weather the stream levels were considerably lowered, yet there were very few complaints received. The recent heavy rains have, however, to a large extent cleansed the beds and foreshores of the rivers and streams.

(7) RIVER TYNE AND ITS TRIBUTARIES.—During the past quarter a complete survey of the outfall sewers and sewage disposal works within the tidal reaches of the River Tyne and its tributaries has been carried out and a report of this survey has been tabulated. A map has also been prepared of the river from its estuary to Wylam showing the approximate position of each outfall sewer and particulars of areas drained.

(8) There is a definite move by a number of local authorities in formulating and preparing schemes of works of sewerage and sewage disposal which should assist the County Council in the administration of the Rivers Pollution Prevention Acts.

DARLINGTON COUNTY BOROUGH.

(9) STRESSHOLMES SEWAGE WORKS.—The condition of the effluent from these works shows no improvement. Justifiable complaints have again been made by the Hurworth Parish Council regarding the offensive smells and the condition of the River Tees in their district. From information received it would appear that plans, etc., for new works, are in course of preparation by the Borough Engineer. Para. 32 (6)
June, 1935.

DURHAM MUNICIPAL BOROUGH.

(10) NEVILLE'S CROSS, STONE BRIDGE, WORKS OF SEWERAGE AND SEWAGE DISPOSAL.—On the 27th August last, an Inquiry was held in the Town Hall, Durham, by C. L. Cox, Esq., A.M.Inst. C.E., an Inspector from the Ministry of Health into an application by the Durham City Council to the Commissioner for Special Areas for a grant towards the cost of £6,794 for works of sewerage and sewage disposal for the contributory places of Stone Bridge and Neville's Cross. The Clerk to the District Council stated the reason for the schemes and pointed out that the present sewage disposal works were totally inadequate and that pollution of the River Browney by sewage had been observed and reported upon over 20 years. He also stated that the present works were constructed over 47 years ago, and had been condemned since 1916. Para. 32 (8)
June, 1935.

STOCKTON-ON-TEES MUNICIPAL BOROUGH.

(11) WORKS OF SEWERAGE.—A Ministry of Health Inquiry was held in the Town Hall, Stockton-on-Tees, on the 11th July last by J. Gardner Esq., M.Inst. C.E., an Inspector from the Ministry of Health, into the application of the Borough Council for sanction to borrow £6,785 for works of sewerage in the north-west portion of the borough which is a rapidly growing residential area. The Clerk to the District Council explained the necessity for the scheme and pointed out that at present 17 properties in Darlington Lane are provided with cesspools, and if a sewer were provided the whole of these properties could be drained. The Corporation are thinking of the immediate erection of 356 houses in this drainage area and the sewers at present contemplated will drain the whole of the Darlington Lane from Ragworth Nurseries to the railway bridge and will follow the valley to Norton Hill Estate.

ANNFIELD PLAIN URBAN DISTRICT.

(12) WEST KYO AND DIPTON SEWAGE DISPOSAL WORKS.—Consulting engineers have been called in to report on the sufficiency or otherwise of the sewage disposal works and to prepare plans and particulars of suitable schemes of sewage disposal and sewerage for submission to the District Council. Para. 32 (9)
June, 1935.

BARNARD CASTLE URBAN DISTRICT.

(13) WORKS OF SEWERAGE.—Consulting engineers have been called in to report upon the existing sewerage system with a view to the presentation of a scheme to the Ministry of Health.

BISHOP AUCKLAND URBAN DISTRICT.

(14) WORKS OF SEWERAGE AND EXTENSION OF BINCHESTER SEWAGE DISPOSAL WORKS.—Plans, etc., of these schemes are in course of preparation.

BLAYDON URBAN DISTRICT.

(15) LADYSMITH AND DISTRICT, WORKS OF SEWERAGE AND SEWAGE DISPOSAL.—Plans and particulars for these schemes are now completed, but some delay is now being experienced owing to a further proposal for a joint scheme with an adjacent authority. Para. 32 (12)
June, 1935.

CHESTER-LE-STREET URBAN DISTRICT.

(16) PELTON FELL, WORKS OF SEWERAGE.—It is expected to make an early start on these works. Para. 32 (17)
June 1935.

Para. 32 (18) (17) WORKS OF SEWERAGE, NORTH ROAD MANHOLE TO REST HOUSE.—This sewer has now
June, 1935. been completed.

(18) REFUSE TIPS.—A complaint has been received with regard to the proximity of refuse to the River Wear, when it was claimed that in time of floods much of the refuse would be carried down stream. These refuse tips are inspected regularly and as yet no reason for complaint has been found, other than the fact that unauthorised persons throw the rubbish about and the Council should consider the advisability of revetting the foreshores of the River Wear and Cong Burns in the vicinity of the refuse tip, which would prevent any rubbish being thrown about and washed down stream in time of excessive floods.

CONSETT URBAN DISTRICT.

Para. 32 (19) (19) WORKS OF SEWERAGE AND SEWAGE DISPOSAL FOR THE PROPOSED AMALGAMATED
June, 1935. AREAS.—A comprehensive scheme for this area has now been completed and submitted to the several authorities concerned.

CROOK URBAN DISTRICT.

Para. 32 (20) (20) BANKFOOT BY-PRODUCT WORKS, POLLUTION OF CROOK BECK.—Further samples of the
June, 1935. river water have been taken for analysis, the results of which have shewn varying degrees of purity. Improvements are taking place at these works and everything possible is being done to prevent pollution by trade effluents.

(21) CROOK TOWN GASWORKS, POLLUTION OF CROOK BECK.—The work of providing a suitable tar and liquor well is in progress and there appears to be no reason for complaint of pollution from these works.

FELLING URBAN DISTRICT.

Para. 32 (22) (22) A further examination of the watershed of the Hebburn Ponds has been carried out and
June, 1935. the conditions prevailing on the several watercourses on the catchment areas appear to be satisfactory.

Para. 32 (23) (23) SEWAGE TANK, WARDLEY COLLIERY AND LIBERTY TERRACE.—Consequent upon the
June, 1935. increased area of the colliery sidings the old sewage tank has been discontinued and a new sewage tank constructed. The effluent from these tanks is now delivered into the box-pipe line which discharges into the conduit provided. There appears to be no chance of the sewage effluent gaining access to the Heb Burn.

Para. 32 (25) (24) WARDLEY COLLIERY.—Further improvements to the impounded stream have been made.
June, 1935. An additional dam has been constructed down stream to prevent the drainage gaining access to the main stream which feeds the Hall Ponds when sludging of the pump well is in operation.

HEBBURN URBAN DISTRICT.

Para. 32 (26) (25) HEB BURN AND HEBBURN HALL PONDS.—Samples have been taken by chemists from
June, 1935. commercial undertakings over a period and examined for the purpose of determining the characteristics of this water for industrial purposes, with special reference in the examinations for the presence of scale-forming constituents. In nearly all cases the conditions are similar to the results obtained in the early part of the present year.

TANFIELD URBAN DISTRICT.

Para. 32 (38) (26) WORKS OF SEWERAGE AND SEWAGE DISPOSAL.—Consideration is now being given to a
June, 1935. joint scheme with an adjacent local authority who are preparing plans and particulars for a large sewage disposal works and works of sewerage within a reasonable distance of the site chosen for these works.

WILLINGTON URBAN DISTRICT.

Para. 32 (40) (27) WILLINGTON GAS AND BY-PRODUCT WORKS.—The Clerk to the District Council wrote
June, 1935. on the 11th July last stating that a deputation from his Council had now met the Agent of Messrs. Strakers and Love and that the company had agreed to put in a purifying tank to deal with the effluents from their gas works, after which a certain quantity, to be agreed upon between the Council and the

Company, will be allowed to pass through the Council's sewers to the sewage disposal works. When the maximum quantity is known the scheme for the alteration of the works of sewerage and sewage disposal will be completed and submitted to the Ministry of Health.

AUCKLAND RURAL DISTRICT.

(28) The following schemes have been submitted to the Commissioner for Special Areas for a grant towards these works :—

Scheme No. 1.—Main outfall sewer Cabin Gate to South Church.

No. 2.—Works of sewerage, Wood Row, Westerton.

No. 3.—Sewage Disposal Works—Coundon Station.

No. 4.—Main outfall sewer, Durham Road, near Bishop Auckland.

No. 5.—Cleansing and inverting Crook Beck.

No. 6.—Culverting Dene Beck at Coundon Grange.

No. 7.—Invert to Oakley Beck, West Auckland.

No. 8.—Works of sewerage and sewage disposal :—

(a) Middridge, (b) Evenwood and Barony, (c) Lynesack and Softley, (d) Newton Cap.

(29) POLLUTION BY SEWAGE OF THE RIVER GAUNLESS IN THE VICINITY OF GITTY LANE, Para. 32 (45) SOUTH CHURCH.—The condition of the river here is becoming much worse. The scheme now before the Ministry of Health, if successful, will, however, overcome the pollution by sewage from this area, which calls for immediate attention. June, 1935.

CHESTER-LE-STREET RURAL DISTRICT.

(30) WORKS OF SEWERAGE AND SEWAGE DISPOSAL.—Consulting engineers have been engaged to report upon the sufficiency or otherwise of the sewers and sewage disposal works in several districts in connexion with the Council's privy conversion scheme.

The Council have already received sanction for part of their conversion scheme comprising 2,836 conversions and work on these is about to be commenced.

(31) SUNNYSIDE SEWAGE DISPOSAL WORKS.—The effluent from these works discharges into a main stream which passes through the Whickham Golf Course. This stream was inspected on the 25th September, when the level of the main stream appeared to be very low, especially after fairly heavy rainfall. Upon examination it was found that there were several dams diverting small tributaries which should have been discharging into the main stream. The landowners concerned have been asked to deal with this matter.

DARLINGTON RURAL DISTRICT.

(32) HEIGHINGTON, WORKS OF SEWERAGE AND SEWAGE DISPOSAL.—A Ministry of Health Inquiry was held in the Board Room of the Rural District Council of Darlington, 51, Coniscliffe Road, Darlington, on the 5th July last, by R. Gadsby, Esq., A.M.Inst. C.E., an Inspector from the Ministry of Health, into the application of the Darlington Rural District Council to borrow £3,420 for works of sewerage and sewage disposal for the contributory place of Heighington. The Clerk to the District Council explained the necessity for the scheme and pointed out that the village had a population of 800 persons. The village at present is sewered in three directions, viz. :—one sewer discharging into a tank, and two sewers flowing direct into a small brook, which, because of its polluted state, has been a source of complaint from time to time by farmers.

(33) MIDDLETON HALL MENTAL HOSPITAL SEWAGE DISPOSAL WORKS.—It is understood that the contracts for these works have been arranged and that work is in progress. Para. 32 (50) June, 1935.

(34) BLACKWELL VILLAGE SEWAGE DISPOSAL WORKS.—Some delay has been caused in the completion of the purchase of this land which is to be enclosed with fencing. Para. 32 (52) June, 1935.

(35) DINSDALE PARK SCHOOL, SEWAGE DISPOSAL WORKS.—A visit has been made to these works when the effluent and works were found to be satisfactory. Para. 32 (51) June, 1935.

DURHAM RURAL DISTRICT.

(36) CROXDALE COLLIERY SEWAGE DISPOSAL WORKS.—Plans and specifications for these works are now completed and are being considered by the District Council. Para. 32 (54) June, 1935.

Para. 32 (56)
June, 1935.

(37) SHERBURN AND SHADFORTH, WORKS OF SEWERAGE AND SEWAGE DISPOSAL.—The engineering difficulties have now been overcome, and rapid progress with these works is now reported. Considerable improvements to the existing sewage disposal works in this district have been made during the past few months.

EASINGTON RURAL DISTRICT.

Para. 32 (59)
June, 1935.

(38) MURTON COLLIERY ALLOTMENT GARDENS POLLUTION OF STREAM IN RECREATION GROUND.—A report was received that this stream had been impounded with an earthwork dam, and was being used as a swimming and paddling pool, and in consequence an inspection was made on the 13th August, when pollution by sewage was observed. The attention of the district Medical Officer of Health was drawn to this matter and the earthwork dam was dismantled. It was found that sewage had gained access to the stream from a surface water drain to which was connected a storm water overflow from an adjacent sewer manhole which had become choked. The obstruction was removed and the pollution abated.

Para. 32 (61)
June, 1935.

(39) CRIMDON DENE SEWAGE DISPOSAL WORKS.—There are several of these works in existence which have been constructed to meet the requirements of the bye-laws of the local authority. These works are superior to the usual type of cesspool which usually become a nuisance after a few years. As previously stated, these works have been constructed and used temporarily pending the construction of a main outfall sewer-to-the-sea, which it is understood, is under consideration by the District Council.

Para. 32 (62)
June, 1935.

(40) MURTON COLLIERY COAL WASHER, BOILER SLUDGING AND BRICKWORKS EFFLUENTS.—A further inspection of these works has been made. An additional tank has now been constructed, making three in all for the treatment of the trade effluents from the works. No effluent is allowed to be discharged from these works unless the standard of the test is reached.

(41) MURTON BECK.—On inspection this stream was found to be discoloured due to the breaking up of the earthwork dam in the Welfare Recreation Ground.

HOUGHTON-LE-SPRING RURAL DISTRICT.

(42) POLLUTION OF THE LUMLEY BURN.—A complaint of pollution of this burn by sewage and trade effluents has been received and investigated. This stream has been in a bad condition for many years, and has been the cause of repeated complaints which have been dealt with from time to time. During the last few years improvements have taken place and a new sewage disposal works was recently constructed at Flint Mill (eliminating two old works and one outfall sewer discharging into the burn). During the present year Ministry of Health Inquiries have been held in connection with the proposals to construct a new sewage disposal works at Sedgeleth for the Houghton-le-Spring Rural District Council and also a new joint sewage disposal works for the Houghton Rural and the Hetton-le-Hole Urban District Councils. These, when completed, together with the elimination of sewage tank, cesspools, and sewers discharging direct to stream, will prevent pollution of this burn.

The effluents from several coal washers, by-product plants, gas works, brick works, sand and gravel works, &c., have also been dealt with and improvements for the treatment of these effluents are in progress.

LANCHESTER RURAL DISTRICT.

(43) WORKS OF SEWERAGE AND SEWAGE DISPOSAL FOR THE CONTRIBUTORY PLACES OF ESH, CORNSAY, GREENCROFT, LANCHESTER, LANGLEY PARK, MAIDEN LAW, AND SATLEY, INCLUDING WORKS FOR THE JOINT BENEFIT OF THE CONTRIBUTORY PLACES OF CORNSAY AND ESH AND THE URBAN DISTRICT OF BRANDON AND BYSHOTTLES.—An Inquiry was held in the Council Offices, Lanchester, on the 28th August, by C. L. Cox, Esq., A.M.Inst. C.E., an Inspector from the Ministry of Health into the Council's application to the Commissioner for Special Areas for a grant towards the cost of the following works :—

LANGLEY PARK (£15,330).—To provide new sewage disposal works to replace the two existing works.

ESH WINNING (£9,530).—Existing joint sewage works are severely overtaxed, especially since the two lower contact beds were completely clogged. The works to be entirely remodelled, the Cornsay Colliery works to be abandoned and the sewage to be conveyed from Hamsteels Village to the new works.

MAIDEN LAW (£619).—These sewage works to be eliminated. There is difficulty in the disposal of sludge. These works are now too small due to rapid building developments in this area, and it is now proposed to link up to the main outfall sewer of the Lanchester Village sewage disposal works.

SATLEY VILLAGE (£750).—The extension of a public water supply to this village has recently been completed and it is proposed to improve the sanitary circumstances, which will necessitate the provision of works of sewerage and sewage disposal.

(44) LANCHESTER SEWAGE DISPOSAL WORKS.—To extend and improve these works which are now overtaxed to a volume of approximately 6,000 gallons per day, since the sewage from the new housing estate at Burnhope has been connected. Para. 32 (66)
June, 1935.

SEDFIELD RURAL DISTRICT

(45) FISHBURN COLLIERY COAL WASHER AND BY-PRODUCT WORKS, POLLUTION OF RIVER SKERNE.—Frequent inspections are made in this district and interviews when necessary take place with the works manager. Owing to several improvements and works of construction being in progress the river has occasionally shown evidence of discolouration and pollution. Para. 32 (68)
June, 1935.

(46) SEDFIELD AND WINTERTON MENTAL INSTITUTE, INFECTIOUS DISEASES HOSPITAL—SEWAGE DISPOSAL WORKS.—These works are now completed. Para. 32 (69)
June, 1935.

(47) CHILTON AND DEAN BRIDGE COAL WASHER, COOLING PLANT, AND BY-PRODUCT WORKS.—Pollution of the Rushyford Beck has been observed and reported to the responsible official and pollution has been overcome. Alterations are in progress to give more efficient treatment to the effluents from these works. Para. 32 (70)
June, 1935.

(48) FERRYHILL (NORTH) SEWAGE DISPOSAL WORKS.—Improvements to these works are in progress.

(49) OLD TRIMDON VILLAGE.—Proposals for the construction of sewage disposal works for this district are under consideration by the District Council.

STOCKTON RURAL DISTRICT.

(50) WOLVISTON SEWAGE DISPOSAL WORKS.—The Clerk to the District Council wrote on the 20th June last stating that his Council's Surveyor reported at their meeting on the 19th June that the recent storms had tried out the new settling tank arrangements at these works and that the results appeared to be quite satisfactory. Para. 32 (74)
June, 1935.

(51) CARLTON AND WHITTON SEWAGE DISPOSAL WORKS.—The Clerk to the District Council wrote on the 20th June last stating that with regard to the Carlton Sewage Disposal Works the Surveyor had seen the Agent for the owners of the property and had made suggestions for obviating the nuisances, which, when carried out, would be satisfactory to all concerned. He also stated that the alterations required at the Whitton Sewage Disposal Works were receiving attention. Para. 32 (75)
June, 1935.

WEARDALE RURAL DISTRICT.

(52) REFUSE IN STREAMS—WOLSHINGHAM OLD REFUSE TIP.—The suggestion to continue the present fence towards Humble's Forge has been referred to the Wolsingham Committee for consideration and report to the District Council. Para. 32 (84)
June, 1935.

(53) REFUSE IN STREAMS—WESTGATE BRIDGE.—The Surveyor has been successful in dealing with this nuisance as far as the dumping of trade refuse is concerned, and the District Council have decided to take action against any person caught in the act of depositing refuse. Para. 32 (85)
June, 1935.

MATERNITY AND CHILD WELFARE.

21. The Welfare Medical Officer reports to me as follows :—

(1) WELFARE MEDICAL STAFF.

Dr. M. Bainbridge was unable to attend her ante-natal clinics at Durham and Esh Winning on Friday, the 5th July, on account of illness. With the approval of the County Medical Officer, Dr. Bates attended these clinics.

Dr. E. S. Williamson has been on sick leave from Monday the 23rd September. With the approval of the County Medical Officer, Dr. Bates attended her centres on the 23rd, 24th, 26th, 27th and 30th September. Dr. H. Blacklay attended Rowlands Gill centre on the 25th September.

Dr. M. Hopper requested special leave of absence for post-graduate clinical obstetric work at Queen Charlotte's Hospital, London, and with the approval of the County Medical Officer Dr. Hopper has been granted leave of absence without salary for the whole of the month of October.

(2) CENTRES.

SILKSWORTH.—This centre was not held on Wednesday, the 25th September, as the premises were not available on that day.

CHANGE OF PROGRAMME.—Owing to the opening of the new centre at Eldon, the centre at Wooley Terrace is now held on alternate Thursdays instead of alternate Tuesdays, and Shildon centre is now held on Tuesdays weekly instead of alternate Tuesdays and Thursdays weekly.

(3) PROPOSED CHANGES OF DAY AND ADDITIONAL SESSIONS FROM NOVEMBER.

Birtley	...	...	Change from alternate Mondays all day and Wednesdays weekly to Mondays and Fridays weekly and alternate Tuesdays all day.
Billingham	...	...	Additional session alternate Wednesdays.
Blaydon	...	...	Additional sessions alternate Wednesdays.
Burnopfield	...	...	Change from alternate Tuesdays to alternate Fridays.
Castletown	...	...	Change from alternate Monday afternoons to alternate Tuesdays all day.
Chester-le-Street	...	...	Change from alternate Tuesday mornings and Fridays weekly to alternate Tuesdays and Wednesdays weekly.
Cockfield	...	...	Change from alternate Mondays all day to Mondays all day every four weeks.
Craghead	...	...	Change from alternate Mondays all day to alternate Wednesdays all day.
Crook	...	...	Additional session Mondays every four weeks.
Durham	...	...	Additional session alternate Wednesdays and alternate Friday afternoons.
Eighton Banks	...	...	Change from alternate Tuesday afternoons to alternate Thursday afternoons.
Esh Winning	...	...	Change from alternate Mondays all day and alternate Friday afternoons to Mondays all day with the exception of one Monday every four weeks.
Felling	...	...	Change from Wednesdays and Fridays weekly to Mondays and Fridays weekly and alternate Tuesdays all day.
Hetton	...	...	Change from Tuesdays weekly all day to alternate Tuesdays all day and Fridays weekly.
New Herrington	...	...	Change from alternate Tuesdays all day to Tuesdays weekly all day.
Rynhope	...	...	Change from alternate Thursdays all day and alternate Thursday mornings to alternate Thursdays all day.
Sacriston	...	...	Change from Thursdays weekly all day to alternate Thursdays and alternate Thursday mornings.
Seaham Harbour	...	...	Additional session alternate Thursdays.
Sedgefield	...	...	Change from Fridays every four weeks to Mondays every four weeks.

Shotley Bridge	...	Change from alternate Tuesdays all day and Fridays every four weeks to alternate Fridays all day.
South Hylton	...	Change from alternate Monday mornings to alternate Thursday afternoons.
South Moor ...	...	Change from alternate Thursdays and alternate Friday mornings to alternate Tuesdays all day.
Spennymoor	...	Change from Wednesday and Fridays weekly to alternate Wednesdays and Fridays all day.
Swalwell ...	...	Change from alternate Tuesdays to alternate Wednesdays all day.
Tanfield Lea	...	Change from alternate Wednesdays and alternate Friday afternoons to alternate Tuesdays all day.
Washington...	...	Additional sessions alternate Thursdays all day.
West Stanley	...	Change from Mondays weekly and alternate Thursdays to Mondays and Thursdays weekly and alternate Wednesdays.
Whitburn ...	...	Change from alternate Thursday afternoons to alternate Thursday mornings.

(4) PROPOSED NEW PROGRAMME FOR THE ASSISTANT WELFARE MEDICAL OFFICERS
TO TAKE EFFECT FROM NOVEMBER, 1935.

Dr. C. Anderson. (Headquarters, Durham.)

Monday	...	...	West Stanley.
Tuesday	...	...	Tanfield Lea alternate with South Moor.
Wednesday	...	...	Craghead alternate with West Stanley.
Thursday	...	...	West Stanley.
Friday ...	...	...	Burnopfield alternate with Shotley Bridge.

Dr. M. Bainbridge. (Headquarters, Durham.)

Monday	...	...	Esh Winning with Sedgfield every four weeks.
Tuesday	...	...	Durham.
Wednesday	...	...	Durham alternate with Chilton.
Thursday	...	...	Shotton.
Friday ...	...	...	Durham.

Dr. H. Blacklay. (Headquarters, Sunderland.)

Monday	...	...	Seaham Harbour.
Tuesday	...	...	Murton.
Wednesday	...	...	Silksworth.
Thursday	...	...	Ryhope alternate with Seaham Harbour.
Friday ...	...	...	Seaham Harbour.

Dr. E. Brown. (Headquarters, Durham.)

Monday	...	...	Ferryhill.
Tuesday	...	...	Langley Park alternate with Sherburn Hill a.m. Sherburn p.m.
Wednesday	...	...	Grange Villa.
Thursday	...	...	Wingate.
Friday ...	...	...	Brandon alternate with Burnhope a.m. Brandon p.m.

Dr. M. K. Henegan. (Headquarters, Bishop Auckland.)

Monday	...	...	Middleton-St.-George every four weeks.
			Staindrop every four weeks.
			Crook every four weeks.
			Cockfield every four weeks.
Tuesday	...	...	Crook.
Wednesday	...	...	West Auckland.
Thursday	...	...	Butterknowle every four weeks.
			Middleton-in-Teesdale every four weeks.
			St. John's Chapel every four weeks.
			Wolsingham a.m. Stanhope p.m. every four weeks.
Friday ...	...	...	Coundon.

<i>Dr. M. Hopper.</i>			<i>(Headquarters, Consett).</i>
Monday	...	...	Consett.
Tuesday	...	...	Annfield Plain.
Wednesday	...	...	Consett alternate with E. F. Peile a.m. Consett p.m.
Thursday	...	...	Chopwell.
Friday	...	...	Annfield Plain alternate with Annfield Plain a.m. Lanchester p.m.
<i>Dr. J. M. Jamieson.</i>			<i>(Headquarters, Newcastle.)</i>
Monday	...	...	Felling.
Tuesday	...	...	Felling alternate with Marley Hill a.m., Whickham p.m.
Wednesday	...	...	Rowlands Gill.
Thursday	...	...	Ryton.
Friday	...	...	Felling.
<i>Dr. G. McVitie.</i>			<i>(Headquarters, Chester-le-Street.)</i>
Monday	...	...	Birtley.
Tuesday	...	...	Birtley alternate with Chester-le-Street.
Wednesday	...	...	Chester-le-Street.
Thursday	...	...	Sacriston alternate with Sacriston a.m., [†] Eighton Banks p.m.
Friday	...	...	Birtley.
<i>Dr. E. Patterson.</i>			<i>(Headquarters, Durham).</i>
Monday	...	...	Tow Law alternate with Witton Park.
Tuesday	...	...	Thornley alternate with Wheatley Hill.
Wednesday	...	...	Spennymoor alternate with Trimdon.
Thursday	...	...	Coxhoe alternate with Willington.
Friday	...	...	Spennymoor.
<i>Dr. M. Raw.</i>			<i>(Headquarters, Houghton-le-Spring.)</i>
Monday	...	...	Houghton.
Tuesday	...	...	Hetton alternate with Castletown.
Wednesday	...	...	Houghton.
Thursday	...	...	Houghton.
Friday	...	...	Hetton.
<i>Dr. V. Thompson.</i>			<i>(Headquarters, Horden.)</i>
Monday	...	...	Horden.
Tuesday	...	...	Billingham.
Wednesday	...	...	Billingham alternate with Horden.
Thursday	...	...	Haverton Hill.
Friday	...	...	Horden.
<i>Dr. L. M. Watt.</i>			<i>(Headquarters, Bishop Auckland.)</i>
Monday	...	...	Bishop Auckland.
Tuesday	...	...	Shildon.
Wednesday	...	...	Bishop Auckland.
Thursday	...	...	Eldon alternate with Wooley Terrace.
Friday	...	...	Bishop Auckland.
<i>Dr. E. S. Williamson.</i>			<i>(Headquarters, Newcastle.)</i>
Monday	...	...	Dunston.
Tuesday	...	...	Winlaton.
Wednesday	...	...	Blaydon alternate with Swalwell.
Thursday	...	...	Blaydon.
Friday	...	...	Dunston.
<i>Dr.</i>			<i>(Headquarters, Sunderland.)</i>
Monday	...	...	Boldon.
Tuesday	...	...	New Herrington.
Wednesday	...	...	Easington.
Thursday	...	...	Washington alternate with Whitburn a.m., South Hylton p.m.
Friday	...	...	Washington.

(5) POST-NATAL CLINICS.

Post-natal clinics will be opened as soon as possible at Billingham, Birtley, Bishop Auckland, Felling, Seaham Harbour and at Blaydon, when the new premises for the combined school and maternity and child welfare clinic are completed there.

(6) ARTIFICIAL SUNLIGHT CLINICS.

New voluntary artificial sunlight clinics will be opened as soon as the new programme comes into force at Birtley, Durham and West Stanley, and later at Felling.

(7) BABY WEEK CONFERENCE.

I attended this National Conference which was held in London 1st-3rd July inclusive. The conference was largely attended and there was a considerable number of delegates from the voluntary committees of this county.

The subject for discussion was "The Care of the Child from 2 to 5 years of age." The papers were interesting and instructive and dealt with the subject from various aspects, which included convalescent treatment; nursery schools; co-operation between existing agencies, e.g., welfare centres, hospitals, orthopaedic clinics, in the early diagnosis and treatment of physical defects; mental health; and the care of the child during the pre-school period as reflected in the findings at the first routine school medical inspection, etc.

(8) FEDERATION OF VOLUNTARY WORKERS.

A meeting of the Federation was held on Monday, the 2nd September, when an interesting account was given of the Baby Week Conference by Mrs. Casey who was the delegate sent by the Federation to the Baby Week Conference. The chair was taken by Mrs. Ellis.

(9) ACTIVITIES OF VOLUNTARY COMMITTEES.

HETTON.—New scales for toddlers.

(10) CASES OF SQUINT.

58 children have been treated by the school oculist during the past quarter.

(11) ARTIFICIAL SUNLIGHT CLINICS.

Centre.				No. on books.		Attendances.		Average attendance per session.	
Bishop Auckland	140	408		16	
Dunston	368	499		19	
Horden	171	791		30	
Houghton-le-Spring	199	567		22	

(12) ATTENDANCES OF COUNTY MOTHERS AT BOROUGH WELFARE CENTRES.

Darlington	...	...	...	...	...	...	...	8 mothers made	43	attendances.
Gateshead	...	...	...	...	...	...	...	Nil.	„	„ Nil.
South Shields	...	...	...	...	...	...	...	20	„	„ 56
Stockton	...	...	...	...	...	...	...	3	„	„ 12
Sunderland	...	...	...	...	...	...	...	2	„	„ 23
West Hartlepool	...	...	...	...	...	...	...	10	„	„ 80
Yarm and Eaglescliffe	...	...	...	...	...	...	...	19	„	„ 64

(13) POST-NATAL CLINICS.

Consett...	...	...	...	...	...	...	...	15 mothers made	21	attendances.
Durham	...	...	...	...	...	...	...	14	„	„ 14

(14) BABIES' HOSPITAL AND MOTHERCRAFT CENTRE, NEWCASTLE-ON-TYNE.

The following child was admitted to the above Hospital during the past quarter :—

Name.	Address.	Admitted.	Discharged.	Fee to be paid by County Council per week.	Fee to be paid by Parents per week.
P. Usher	Lanchester	29-7-35	5-9-35	£ s. d. 1 1 0	Nil.

NOTIFICATION OF BIRTHS.

22. The number of births notified in the administrative county during the past quarter under the Notification of Births Acts, as adjusted by transferred notifications, was 3,929, equal to 97.6 per cent. of the births registered. In the County Council Notification of Births Acts area (i.e., the administrative county less the urban districts of Hartlepool, Jarrow and Stockton) the number of births notified was 3,340, equal to 96.9 per cent. of the births registered in that area.

The number of un-notified births reported and enquired into by the county health visitors was 103, viz. :—

61 Doctors failed to notify	83 births.
13 Midwives failed to notify... ..	16 births.
1 Maternity Home failed to notify	1 birth.
1 Hospital failed to notify	3 births.

ADMISSION OF COUNTY PATIENTS TO MATERNITY HOMES.

23. The following statement shows the number of patients whose applications for admission to maternity homes were approved during the quarter, and a comparison is made with the figures for the three previous quarters and for the corresponding quarter of last year :—

MATERNITY HOME.	QUARTER ENDED				
	Sept., 1934.	Dec., 1934.	March, 1935.	June, 1935.	Sept., 1935.
County Maternity Home, Bishop Auckland	80	64	91	81	93
Richard Murray Hospital, Blackhill ...	54	65	61	68	50
Maternity Home, Sunderland	29	15	28	31	39
Maternity Home, West Hartlepool ...	12	7	8	12	9
Princess Mary Maternity Hospital, Newcastle-on-Tyne	10	7	18	6	15
Robson Maternity Home, Stockton-on-Tees	3	1	—	2	1
Totals ...	188	159	206	200	207

Every care has been taken to see that the patients contributed towards the cost of maintenance in the institutions according to their means.

VITAL STATISTICS.

24. Tabulated statement of quarterly birth-rates, total death-rates, and death-rates from certain specified causes in the administrative county :—

	QUARTER ENDED				
	September, 1934.	December, 1934.	March, 1935.	June, 1935.	September, 1935.
RATES PER 1,000 POPULATION.					
Birth-rate	17.2	16.7	16.8	18.5	17.5
Total Death-rate	9.4	10.4	11.9	12.8	9.9
Death-rate from :—					
Zymotic Diseases... ..	0.44	0.50	0.50	0.42	0.50
Smallpox	—	—	—	—	—
Scarlet Fever	0.06	0.04	0.06	0.04	0.02
Diphtheria and Croup	0.18	0.22	0.28	0.19	0.19
“ Fevers ” (Typhoid, &c.)	0.004	0.004	0.004	0.01	0.02
Measles	0.07	0.04	0.04	0.03	0.04
Whooping Cough... ..	0.04	0.08	0.05	0.03	0.05
Diarrhœa (under 2 years of age)	0.08	0.11	0.06	0.11	0.19
Pulmonary Tuberculosis	0.54	0.58	0.67	0.73	0.59
Non-Pulmonary Tuberculosis	0.14	0.14	0.21	0.15	0.13
Bronchitis, Pneumonia and Pleurisy	0.53	0.66	1.14	0.12	0.36
Influenza	0.06	0.09	0.16	0.46	0.05
Infant mortality rate per 1,000 births	53	76	85	70	55
Maternal Mortality rate per 1,000 births	5.53	4.68	6.71	7.76	6.21

25. The following table gives the chief vital statistics of the urban and rural districts in the County during the three months ended 30th September, 1935 :—

	Estimated Population Mid-year, 1935.	Per 1,000 Population.			Infant Mortality- rate per 1,000 births.	Diseases prevalent during quarter.	
		Birthrate.	Death- rate from all causes.	Zymotic death-rate			
Administrative County ...	919,840	17.5	9.9	0.50	55		
Co. Boro' of Darlington ...	74,550	15.6	9.8	0.16	41	Scarlet Fever.	
Co. Boro' of Gateshead ...	123,000	19.2	10.3	0.62	54	do.	
Co. Boro' of South Shields ...	112,750	18.1	9.9	0.39	59	do.	
Co. Boro' of Sunderland ...	186,650	28.9	10.4	1.01	64	do.	Diphtheria.
Co. Boro' of West Hartlepool	71,550	18.2	10.9	0.90	95		
URBAN DISTRICTS.							
Durham Borough ...	18,630	16.5	10.9	0.43	52		
Hartlepool „ ...	19,520	22.7	11.7	1.02	54		
Jarrow „ ...	31,020	16.0	12.6	1.94	121		
Stockton „ ...	67,700	20.2	10.6	0.24	56		
Annfield Plain ...	15,970	14.8	12.8	1.00	51		
Barnard Castle ...	4,020	5.0	12.0	—	200		
Benfieldside ...	9,090	15.4	10.1	0.46	57		
Billingham ...	19,100	21.8	6.1	0.21	96		
Bishop Auckland ...	11,870	15.5	14.8	0.34	109		
Blaydon ...	32,090	16.3	9.1	0.37	69	do.	
Brandon and Byshottles ...	16,540	18.1	11.4	0.48	80		
Chester-le-Street ...	16,860	18.7	11.1	0.47	63		
Consett ...	12,410	20.0	12.9	1.29	81		
Crook ...	11,070	14.4	7.2	—	75		
Felling... ...	26,560	16.1	10.7	0.30	93		
Hebburn ...	23,900	13.9	11.9	0.33	60	do.	
Hetton-le-Hole ...	18,200	24.6	10.3	1.32	36		
Houghton-le-Spring ...	11,020	17.4	8.3	—	42		
Leadgate ...	6,350	18.9	9.4	—	—		
Ryton ...	14,180	11.3	7.9	0.28	50	do.	
Seaham Harbour ...	20,220	21.7	8.7	0.40	73		
Sildon ...	12,340	19.1	6.8	—	34		
Spennymoor ...	15,900	20.1	9.8	—	37		
Stanhope ...	1,580	12.7	15.2	—	200		
Stanley ...	24,160	15.6	8.3	0.33	32		
Tanfield ...	9,200	12.6	8.7	—	34		
Tow Law ...	3,510	18.2	8.0	—	—		
Washington ...	17,440	19.7	11.7	0.23	70		
Whickham ...	20,250	14.4	8.5	0.20	14		
Willington ...	8,830	17.2	11.3	0.91	106		do.
RURAL DISTRICTS.							
Auckland ...	51,520	15.8	11.2	0.23	44	do.	do.
Barnard Castle ...	10,080	6.7	11.9	0.40	—		
Chester-le-Street ...	50,370	16.6	10.2	0.48	38		
Darlington ...	8,840	12.2	10.4	0.91	—		
Durham ...	29,210	14.9	8.8	0.69	110		
Easington ...	91,500	21.7	8.9	0.79	54	do.	do.
Hartlepool ...	2,580	31.0	4.7	—	—		
Houghton ...	27,570	15.2	8.6	1.02	86		
Lanchester ...	33,120	17.3	9.8	—	28		
Sedgefield ...	36,690	16.2	9.8	0.44	47		do.
South Shields... ..	22,220	14.8	8.1	—	37		
Stockton ...	6,590	20.0	7.9	—	91		
Sunderland ...	21,740	16.5	9.4	1.29	22		do.
Weardale ...	8,280	19.8	8.2	—	24		

County Health Department,
Shire Hall, Durham,
4th October, 1935.

JAS. McINTYRE,
County Medical Officer.



APPENDIX 1.

PREVENTION OF TUBERCULOSIS.

QUARTER ENDED 30TH SEPTEMBER, 1935.

Statement of Notifications of Tuberculosis in the different Urban and Rural Districts in the County and of Treatment granted to New Cases under the County Tuberculosis Scheme.

DISTRICT.	NOTIFICATIONS. Form A (Primary)		NEW CASES TREATED.							
	Pulmonary	Non-Pulmonary.	Number of New Cases.	TREATMENT GRANTED.						
				San-atorium.	Hospital.	Dom-iciliary.	Dis-pensary.	Home (Non-insured Cases).	Ultra Violet Ray.	Surgical Appliances.
1	2	3	4	5	6	7	8	9	10	11
URBAN.										
Durham Borough ...	6	1	7	3	1	—	3	—	—	—
Hartlepool Borough ...	2	3	3	2	—	—	1	—	—	—
Jarrow Borough ...	11	10	21	15	—	2	2	—	—	—
Stockton Borough ...	18	8	17	14	—	—	3	—	—	—
Annfield Plain ...	1	—	—	—	—	—	—	—	—	—
Barnard Castle ...	1	—	—	—	—	—	—	—	—	—
Benfieldside ...	6	1	3	3	—	—	—	—	—	—
Billingham ...	5	2	7	6	—	—	1	—	—	—
Bishop Auckland ...	—	—	—	—	—	—	—	—	—	—
Blaydon ...	8	4	13	11	—	—	1	1	—	—
Brandon & Byshottles	4	1	7	6	—	—	1	—	—	—
Chester-le-Street ...	1	1	2	1	1	—	—	—	—	—
Consett ...	1	1	2	—	—	—	2	—	—	—
Crook ...	1	—	2	1	—	—	—	1	—	—
Felling... ..	12	11	14	8	—	4	1	1	—	—
Hebburn ...	20	4	12	8	—	—	2	2	—	—
Hetton-le-Hole ...	4	7	10	4	—	1	4	1	—	—
Houghton-le-Spring ...	2	2	1	—	—	—	1	—	—	—
Leadgate ...	1	1	2	2	—	—	—	—	—	—
Ryton ...	4	—	4	3	—	—	1	—	—	—
Seaham Harbour ...	3	4	5	3	—	—	1	—	1	—
Shildon ...	1	1	3	2	—	—	1	—	—	—
Spennymoor ...	1	—	3	3	—	—	—	—	—	—
Stanhope ...	1	—	1	1	—	—	—	—	—	—
Stanley ...	4	3	8	6	—	—	—	2	—	—
Tanfield ...	—	3	—	—	—	—	—	—	—	—
Tow Law ...	1	2	4	3	—	—	1	—	—	—
Washington ...	5	2	7	3	1	1	1	—	1	—
Whickham ...	4	5	9	5	1	1	2	—	—	—
Willington ...	—	1	1	1	—	—	—	—	—	—
TOTALS...	128	78	168	114	4	9	29	10	2	—
RURAL.										
Auckland ...	9	6	16	13	—	1	2	—	—	—
Barnard Castle ...	1	—	1	1	—	—	—	—	—	—
Chester-le-Street ...	7	7	18	9	1	—	5	1	2	—
Darlington ...	—	2	1	—	—	—	1	—	—	—
Durham ...	2	4	7	4	—	—	3	—	—	—
Easington ...	18	10	21	14	1	—	5	1	—	—
Hartlepool ...	1	—	1	1	—	—	—	—	—	—
Houghton-le-Spring ...	4	6	7	2	—	—	5	—	—	—
Lanchester ...	8	2	9	5	1	—	3	—	—	—
Sedgefield ...	7	2	7	6	—	—	1	—	—	—
South Shields...	5	4	7	3	—	1	2	1	—	—
Stockton ...	—	—	—	—	—	—	—	—	—	—
Sunderland ...	3	6	4	2	—	—	2	—	—	—
Weardale ...	3	1	—	—	—	—	—	—	—	—
TOTALS...	68	50	99	60	3	2	29	3	2	—
Administrative County	196	128	267	174	7	11	58	13	4	—

APPENDIX II.

COUNTY HEALTH VISITORS.

STATEMENT OF WORK ACCOMPLISHED DURING THE QUARTER ENDED
30TH SEPTEMBER, 1935.

Total number of health visitors on duty at the beginning of July	...	...	...	89
Total number of health visitors on duty at the end of September	...	...	...	87
Ante-natal—1st visits	...	...	...	801
Revisits	...	...	...	507
Births—1st visits	...	...	...	3,542
Revisits under 1 year	...	...	...	8,294
„ 1 to 2 years	...	...	...	6,472
„ 2 „ 3 „	...	...	...	6,128
„ 3 „ 4 „	...	...	...	5,846
„ 4 „ 5 „	...	...	...	6,872
„ 5 „ 6 „	...	...	...	194
Uncertified midwives	...	...	...	6
				<hr/> 38,662
Plus 1,567 attendances at child welfare centres × 19 visits	...	...	...	29,773
				<hr/> Maternity and Child Welfare Total
				68,435

TUBERCULOSIS.

Tuberculosis—1st visits	...	...	...	327
Re-visits	...	...	...	4,186
				<hr/> 4,513
Plus 399 attendances at dispensaries × 19 visits	...	...	...	7,581
				<hr/> Tuberculosis Total
				12,094

SCHOOL WORK.

School children (Home visits)	...	...	...	4,951
Schools	...	...	...	1,006
				<hr/> 5,957
Plus head to head Inspections days 38 × 19 visits	...	...	...	722
Plus 55 attendances at school clinics × 19 visits	...	...	...	1,045
Plus 24 days spent conducting children to special schools	...	...	...	456
				<hr/> School Work Total
				8,180

Average daily number of visits per health visitor	...	...	...	19.4
Unclassified visits	...	...	...	3,323
Ineffective visits	...	...	...	4,510
Total number of visits (not including attendances at dispensaries, child welfare centres or ineffective visits)	...	...	...	52,455
Reported to district medical officers of health :—				
Overcrowding	...	...	...	168
Sanitary defects	...	...	...	186
				<hr/> 354

PART TIME OFFICERS.	Attendances				Ineffective visits.
	Total No. of Visits.	Attendances at dispensaries.	at child-welfare centres.		
Hartlepool Borough Health Visitors	—	—
Barnard Castle Urban District Nurse	6	—
					<hr/>
Total	6	—

APPENDIX III.

STATEMENT AS TO THE POSITION OF HOUSING SCHEMES IN THE
ADMINISTRATIVE COUNTY OF DURHAM.

(Information in Cols. 7-10 inclusive supplied by the respective District Councils).

Sanitary District.	Private families and dwellings, Census, 1931.					No. of houses in course of construction.		No. of houses completed since 1919.	
	Private families.	Popu- lation in Private families.	Struct- urally separate dwell- ings occupied	Rooms occupied	Persons per room.	By Private Persons	By the LocalAu- thority.	By Private Persons	By the LocalAu- thority.
1	2	3	4	5	6	7	8	9	10
URBAN.									
Durham	3956	14669	3148	14849	0.99	—	270	58	320
Hartlepool	4780	19694	4114	16824	1.17	4	—	66	360
Jarrow	7718	31486	7400	23806	1.32	2	134	98	888
Stockton	16164	65703	14916	69079	0.95	171	160	2553	2041
Annfield Plain	3887	15854	3609	12576	1.26	4	26	263	464
Barnard Castle	1062	3686	1042	5050	0.73	13	—	144	25
Benfieldside	2060	8277	1985	7789	1.06	85	—	289	226
Billingham	4198	17782	4018	18392	0.97	30	64	2475	1068
Bishop Auckland... ..	3091	11670	2979	12693	0.92	29	—	236	24
Blaydon	7618	31837	7131	25146	1.27	57	94	761	1088
Brandon and Byshottles	4031	17021	3887	14080	1.21	1	—	42	337
Chester-le-Street	3971	15960	3788	14205	1.12	46	71	819	893
Consett	2875	12132	2691	10420	1.16	39	94	201	727
Crook	2936	11570	2866	10528	1.10	9	—	97	228
Felling	6591	26885	6297	20584	1.31	8	130	289	1152
Hebburn	5551	23581	5133	16433	1.43	47	174	235	830
Hctton-le-Hole	4090	17590	3861	14273	1.23	5	101	209	760
Houghton-le-Spring	2544	10330	2423	8946	1.15	15	34	161	567
Leadgate	1441	6367	1365	4732	1.35	2	—	550	180
Ryton	3355	14068	3193	11812	1.19	24	—	390	410
Seaham Harbour... ..	4645	19115	3607	14993	1.27	1	126	572	1453
Sildon	3327	12665	3292	12731	0.99	—	—	81	126
Spennymoor	3881	15938	3703	14185	1.12	19	66	112	—
Stanhope	442	1644	437	1814	0.91	1	—	9	24
Stanley	5956	24149	5434	19834	1.22	—	—	222	770
Tanfield	2272	9145	2176	7604	1.20	—	14	102	390
Tow Law	912	3535	898	2962	1.19	1	—	7	—
Washington	3844	16820	3709	13125	1.28	32	—	230	885
Whickham	5009	20289	4688	17550	1.16	58	96	907	922
Willington	2221	8946	2187	8102	1.10	4	60	53	312
RURAL.									
Auckland	13086	52795	12905	46534	1.13	41	—	356	177
Barnard Castle	2598	10045	2593	11335	0.89	8	4	86	28
Chester-le-Street	12462	52697	12026	43528	1.21	47	161	859	1582
Darlington	2163	8543	2110	10284	0.83	40	—	367	68
Durham	7524	30818	7203	26969	1.14	79	204	812	927
Easington	20068	87190	18276	67366	1.29	221	499	4212	2612
Hartlepool	760	3269	743	3601	0.91	2	—	89	—
Houghton-le-Spring	6539	27165	6316	22536	1.21	10	—	537	908
Lanchester	7676	32809	7451	26894	1.22	19	26	970	966
Sedgefield	7991	34235	7769	30188	1.13	75	156	629	1066
South Shields	5073	20133	4817	19737	1.02	42	—	1598	725
Stockton	1615	6466	1601	8266	0.78	47	—	238	—
Sunderland	4819	21231	4352	16137	1.32	3	60	148	650
Weardale	2266	8348	2264	8822	0.95	11	—	67	20
Totals	219068	904152	206403	787314	1.15	1352	2824	23199	27199

APPENDIX IV.

BACTERIOLOGICAL EXAMINATIONS.

Table giving particulars of specimens sent for examination during the quarter ended 30th September, 1935, in accordance with the arrangements made between the County Council and the Durham College of Medicine :—

DISTRICT.	ENTERIC FEVER.									Diphtheria.	Tuber- culosis.	Tuber- culosis.*	Miscel- laneous.†						
	Typhoid.			Paratyphoid.															
	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.					Positive.	Negative.	Positive.	Negative.	Positive.	Negative.	Inconclusive.
URBAN.																			
Durham Borough ...	3			3			3		2	10		3	3	1	7		1		
Hartlepool „ ...									13	24	2			2	4				
Jarrow „ ...	1			1			1			6		1	13	3	20				
Stockton „ ...	1			1			1		3	8	1	6	18	6	29				
Annfield Plain ...	4			4		2	2		2	6			3	1	2	1			
Barnard Castle ...											1	1	1		1				
Benfieldside ...	4			4		3	1		2	37	2	1	1	2	1		1		
Billingham ...										3			2	1	13				
Bishop Auckland ...									1	1			1	1	7				
Blaydon ...	3			3		2	1		5	11	1		11	6	9		1		
Brandon & Byshottles ...	3			3		1	2		7	17				2	5				
Chester-le-Street ...	1			1			1		3	11	1	1	3		4	1			
Consett ...	1			1		1			2	4			1		5	2			
Crook... ..	1			1			1							18	13				
Felling ...	2			2			2		1	5		4	5	2	17				
Hebburn ...									3	4	1		3	8	12				
Hetton-le-Hole ...									13	5	1			3	8				
Houghton-le-Spring ...	1	1		2		1	1		5	4		1			1				
Leadgate ...	1	3		4			4		1	1			1		1				
Ryton ...	2			2		2				3		1	6	1	1	1	1		
Seaham Harbour ...									1	2			11	3	7				
Shildon ...									4	8					3				
Spennymoor... ..	2			2		1	1		3	7	3		4	1	2				
Stanhope ...										1			1						
Stanley ...	1	12		1	10	2	5	7	1	1	11		2	5		11			
Tanfield ...	1	1		1		1	2		1	10					2				
Tow Law ...	1			1			1						1						
Washington ...										3		1	4		4				
Whickham ...	2			2			2		4	10	1	2	5		4				
Willington ...	2			2		2			1	3					3				
RURAL.																			
Auckland ...	1			1			1		13	18	2		12	16	19				
Barnard Castle ...									2	2	1		7	1	2				
Chester-le-Street ...	1	2		3		1	2		6	20	1	1	6	6	21				
Darlington ...									1	4			2						
Durham ...	4			4		1	3		4	13	1		8	1	30				
Easington ...									9	26	1	2	10	2	18				
Hartlepool ...																			
Houghton-le-Spring ...									8	15	3		1	1	13				
Lanchester ...	5			5		2	3		3	8			1	5	14				
Sedgefield ...									16	149	35	1	7		6	1	1		
South Shields ...									2	7	2		1	3	5				
Stockton ...													1	1	2				
Sunderland ...									24	30	5	2	4	29	19				
Weardale ...									1	1		1	1						
ADMINISTRATIVE Co.	6	61		3	61	3	27	39	1	167	508	65	31	164	126	345	6	5	

* These are tuberculosis specimens taken at County Dispensaries, Hospitals and Sanatoria.

† This section is comprised of examinations receiving the special approval of the County Medical Officer for Brucella Abortus, Diphtheria Virulence, Haemolytic Streptococci and Faeces.

APPENDIX V.

Table giving the number of cases of infectious diseases notified in each sanitary district during the quarter ended 30th September, 1935.

	Smallpox	Scarlet Fever	Diphtheria	Enteric Fever	Puerperal Fever	Puerperal Pyrexia	Ophthalmia Neonatorum	Erysipelas	Pneumonia	Malaria	Dysentery	Acute Polio-Encephalitis	Cerebro Spinal Fever	Encephalitis Lethargica	Acute Polio-Myelitis	*Chickenpox
URBAN DISTRICTS.																
Durham Borough	—	21	8	—	—	—	—	3	—	—	—	—	—	—	—	—
Hartlepool Borough ...	—	9	19	—	—	—	—	3	—	—	—	—	—	—	—	—
Jarrow Borough.....	—	29	—	—	—	—	—	3	17	—	—	—	—	—	1	—
Stockton Borough.....	—	42	10	—	—	—	2	7	8	—	—	—	1	—	—	—
Annfield Plain	—	12	11	3	—	—	—	—	2	—	—	—	—	—	—	—
Barnard Castle	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benfieldside	—	4	12	4	—	—	—	1	2	—	—	—	1	—	—	—
Billingham	—	10	15	—	—	—	—	3	11	—	—	—	—	—	—	—
Bishop Auckland	—	27	2	—	—	—	—	1	—	—	—	—	—	—	—	—
Blaydon	—	43	18	4	1	1	1	2	2	—	—	—	—	—	—	—
Brandon & Byshottles	—	23	10	3	—	—	1	1	2	—	—	—	—	—	1	—
Chester-le-Street	—	6	2	—	—	3	—	—	2	—	—	—	—	—	—	—
Consett	—	10	21	2	—	1	—	1	1	—	—	—	—	—	—	—
Crook	—	3	5	—	1	—	2	—	—	—	—	—	—	—	—	—
Felling	—	23	1	—	—	—	—	2	2	—	—	—	—	—	—	—
Hebburn	—	67	7	—	—	—	—	7	5	—	—	—	—	—	—	—
Hetton-le-Hole	—	16	21	—	—	1	2	2	8	—	—	—	—	—	—	—
Houghton-le-Spring ...	—	11	17	1	—	—	—	—	2	—	—	—	—	—	—	—
Leadgate.....	—	3	3	1	—	—	—	—	—	—	—	—	—	—	—	—
Ryton	—	46	1	6	—	—	—	—	—	—	—	—	—	—	—	—
Seaham Harbour	—	6	7	—	—	—	—	4	4	—	—	—	—	—	—	—
Sildon	—	14	11	—	—	—	—	4	1	—	—	—	—	—	—	—
Spennymoor	—	23	10	1	—	—	—	4	2	—	—	—	—	—	—	—
Stanhope	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stanley	—	9	28	7	—	2	1	1	1	—	—	—	1	—	—	—
Tanfield	—	13	4	5	—	—	2	4	2	—	—	—	—	—	—	—
Tow Law.....	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Washington	—	12	7	—	—	—	—	1	3	—	—	—	—	—	—	—
Whickham	—	17	4	1	—	—	—	1	7	—	—	—	—	—	—	51
Willington	—	34	24	6	—	—	—	1	—	—	—	—	—	—	—	2
RURAL DISTRICTS.																
Auckland	—	67	83	1	—	—	5	6	4	—	—	—	1	—	—	—
Barnard Castle	—	29	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Chester-le-Street	—	45	18	5	—	—	—	5	11	—	—	—	—	—	—	—
Darlington	—	3	3	—	1	—	—	2	1	—	—	—	—	—	—	—
Durham	—	35	6	4	—	1	—	2	—	—	—	—	—	—	—	—
Easington	—	110	142	1	1	6	4	8	12	—	—	—	—	—	1	—
Hartlepool	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Houghton	—	39	11	—	1	1	2	1	8	—	—	—	—	—	—	—
Lanchester	—	39	20	16	—	—	—	2	1	—	—	—	—	—	—	—
Sedgefield	—	43	42	—	—	2	1	3	8	—	2	—	—	—	—	—
South Shields.....	—	12	2	—	—	—	—	4	3	—	—	—	—	—	—	—
Stockton	—	4	2	—	—	—	—	—	2	—	—	—	—	—	—	—
Sunderland	—	19	34	1	—	2	1	5	11	—	—	—	—	—	2	—
Weardale	—	3	1	—	—	1	—	—	—	—	—	—	—	—	1	—
Administrative County	—	987	644	72	5	21	26	94	145	—	2	—	4	—	6	53

*Not notifiable throughout the whole administrative county.

APPENDIX VI.

TABLE OF ATTENDANCES OF MOTHERS AND INFANTS AT CHILD WELFARE CENTRES.

CENTRES	No. on Books.				Attendances.												Consultations.							
					Number.				Average per Session.								Number.				Average per Session.			
					Children.				Children.				Children.				Children.				Children.			
	Expectant Mothers	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.
Annfield Plain	90	165	210	108	129	477	278	103	10	14	9	3	129	470	274	103	10	14	9	3	10	14	9	3
Barnard Castle	—	27	40	47	—	96	81	82	—	16	13	14	—	71	65	65	—	12	11	11	—	12	11	11
Billingham	72	156	189	204	101	608	439	263	14	32	23	14	101	315	222	122	14	17	12	6	14	17	12	6
Birtley	101	130	229	182	101	399	358	135	8	15	14	5	101	359	346	133	8	14	13	5	8	14	13	5
Bishop Auckland	103	137	219	211	134	463	456	174	10	12	12	4	134	432	427	165	10	11	11	4	10	11	11	4
Blaydon	103	91	151	101	121	268	238	121	9	21	18	9	121	268	238	121	9	21	18	9	9	21	18	9
Boldon	53	109	131	46	65	527	317	48	9	28	16	3	65	485	293	47	9	25	15	3	9	25	15	3
Brandon	38	122	120	85	31	313	165	97	4	26	14	8	31	305	158	96	4	25	13	8	4	25	13	8
Burnhope	8	33	42	20	7	102	81	30	1	15	12	4	7	102	81	30	1	15	12	4	1	15	12	4
Burnopfield	15	36	54	49	31	126	103	56	4	10	8	4	31	126	103	56	4	10	8	4	4	10	8	4
Butterknowle	2	16	39	22	1	42	99	46	—	5	12	6	1	42	99	46	—	5	12	6	—	5	12	6
Castletown	13	36	64	39	9	108	136	53	1	15	19	8	9	97	126	46	1	14	18	7	1	14	18	7
Chester-le-Street	102	174	197	114	114	469	284	129	19	18	11	5	114	458	283	129	19	18	11	5	19	18	11	5
Chilton	16	36	49	33	4	122	119	66	1	10	10	6	4	122	119	66	1	10	10	6	1	10	10	6
Chopwell	67	99	98	93	48	333	124	99	8	17	6	5	48	323	123	97	8	16	6	5	8	16	6	5
Cockfield	8	24	41	26	4	75	80	42	—	5	6	3	4	75	80	42	—	5	6	3	—	5	6	3
Consett	68	216	205	151	66	541	227	110	9	16	7	4	66	536	226	110	9	16	7	4	9	16	7	4
Coundon	38	72	134	98	44	156	199	152	7	8	10	7	44	156	199	152	7	8	10	7	7	8	10	7
Coxhoe	22	90	80	42	11	273	77	35	2	25	7	3	11	252	75	35	2	23	7	3	2	23	7	3
Craghead	26	55	106	47	33	166	163	48	5	13	12	4	33	165	162	48	5	13	12	4	5	13	12	4
Crook	89	115	172	130	53	297	302	203	9	15	15	10	53	295	300	201	9	15	15	10	9	15	15	10
Dunston	100	118	146	89	172	385	224	106	25	20	12	6	172	385	224	106	25	20	12	6	25	20	12	6
Durham	111	180	200	98	122	507	290	117	9	18	10	4	122	480	283	116	9	17	10	4	9	17	10	4
Easington	49	132	172	97	65	319	174	96	9	17	9	5	65	275	168	94	9	14	9	5	9	14	9	5
Eighton Banks	—	21	47	27	—	67	64	28	—	11	11	5	—	58	64	28	—	9	11	5	—	9	11	5
Eldon	8	82	97	35	16	260	253	54	3	22	21	4	16	236	240	49	3	20	20	4	3	20	20	4
Esh Winning	27	77	107	59	30	166	147	72	4	15	13	7	30	145	123	60	4	13	11	6	4	13	11	6
Felling	144	201	262	167	174	627	452	242	14	45	18	9	174	624	452	242	14	45	18	9	14	45	18	9
Ferryhill	91	129	127	98	117	337	221	94	17	18	11	5	117	334	220	92	17	18	11	5	17	18	11	5
Gainford	3	7	14	13	1	13	12	14	—	2	2	2	1	13	12	14	—	2	2	2	—	2	2	2
Grange Villa	58	124	181	79	67	395	297	71	10	21	15	4	67	394	297	71	10	21	15	4	10	21	15	4
Haverton Hill	36	121	145	129	40	492	304	142	6	26	16	7	40	281	180	86	6	15	9	5	6	15	9	5
Hetton	71	208	226	128	99	529	305	138	17	27	15	7	99	513	289	127	17	26	14	6	17	26	14	6
Horden	148	234	228	231	168	544	201	127	12	21	8	5	168	475	185	123	12	18	7	5	12	18	7	5
Houghton-le-Spring	143	224	317	220	154	570	400	221	12	15	10	6	154	556	362	192	12	14	9	5	12	14	9	5
Lanchester	8	23	28	21	2	74	51	20	—	12	9	3	2	74	51	20	—	12	9	3	—	12	9	3
Langley Park	27	39	69	45	38	121	107	58	5	9	8	4	34	109	100	54	5	8	7	4	5	8	7	4
Marley Hill	8	16	26	11	4	73	33	8	1	10	5	1	4	73	33	8	1	10	5	1	1	10	5	1
Middleton-in-Teesdale	7	10	28	12	5	21	26	11	1	4	4	2	5	21	26	11	1	4	4	2	1	4	4	2
Middleton-St.-George	8	12	34	31	2	37	94	72	—	5	12	9	2	24	65	46	—	4	11	8	—	4	11	8
Murton	87	126	163	91	59	302	187	76	10	15	9	4	58	272	177	72	10	14	8	4	10	14	8	4
New Herrington	32	125	116	59	54	407	194	31	8	31	15	2	54	372	183	31	8	29	14	2	8	29	14	2
Rowlands Gill	73	94	118	96	99	293	217	137	14	16	11	7	99	293	217	137	14	16	11	7	14	16	11	7
Ryhope	28	88	92	79	21	342	138	62	4	26	11	5	21	266	126	56	4	20	10	4	4	20	10	4
Ryton	45	111	122	67	32	421	231	102	5	21	12	5	32	420	230	102	5	21	12	5	5	21	12	5
Sacriston	40	84	138	102	31	278	242	110	5	14	13	6	31	237	204	99	5	12	11	5	5	12	11	5
Seaham Harbour	143	288	333	223	138	713	511	207	11	19	13	5	134	687	511	204	10	18	13	5	10	18	13	5
Sedgefield	11	36	45	21	—	58	37	16	—	10	6	3	—	58	37	16	—	10	6	3	—	10	6	3
Sherburn	21	37	63	24	23	108	98	23	4	18	16	4	23	107	97	23	4	18	16	4	4	18	16	4
Sherburn Hill	7	18	28	19	5	62	20	12	1	10	4	2	5	62	20	12	1	10	4	2	1	10	4	2
Shildon	69	118	211	108	108	383	307	60	15	20	16	3	108	341	284	60	15	18	15	3	15	18	15	3
Shotley Bridge	14	67	94	67	8	149	142	74	1	7	7	4	8	149	142	74	1	7	7	4	1	7	7	4
Shotton	52	130	146	94	70	346	171	84	10	18	9	5	70	307	159	78	10	18	9	5	10	18	9	5
Silksworth	25	90	103	99	27	372	233	147	4	22	14	8	27	326	21									